

(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

0100.041200

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

GENETICALLY ENGINEERED GLUTAMINASE AND ITS USE IN ANTI-VIRAL AND ANTICANCER THERAPY

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS			STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE		PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBER ASSIGNED if any			
1-11					
1-12					
1-13					
1-14					
1-15					

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number) Donald W. Banner, Registration No. 17,037; Harold J. Birch, Registration No. 18,527; Edward F. McKie, Jr., Registration No. 18,527.

(don number) Donald W. Banner, Registration No. 17,037; Harold J. Birch, Registration No. 18,527; Edward F. McKie, Jr., Registration No. 17,335; William W. Beckett, Registration No. 18,262; Dale M. Hoehst, Registration No. 19,090; Rodger L. Tass, Registration No. 27,399; Joseph M. Potenza, Registration No. 28,175; Scott F. Partridge, Registration No. 28,142; Alan I. Cantor, Registration No. 28,163; James A. Niegowski, Registration No. 28,331; Barry L. Grossman, Registration No. 30,844; Joseph M. Sharpton, Registration No. 29,854; and Thomas L. Pearson, Registration No. 30,989.

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United States of America

Direct Telephone Calls to:
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201	FULL NAME OF INVENTOR	FAMILY NAME Roberts	FIRST GIVEN NAME Joseph	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Columbia	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP Canada
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 6 Suntuurf Circle	CITY Columbia	STATE & ZIP CODE/COUNTRY South Carolina 29223
202	FULL NAME OF INVENTOR	FAMILY NAME MacAllister	FIRST GIVEN NAME Thomas	SECOND GIVEN NAME W
	RESIDENCE & CITIZENSHIP	CITY Columbia	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP United States of America
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 308 E. Meadow	CITY Columbia	STATE & ZIP CODE/COUNTRY South Carolina 29210
203	FULL NAME OF INVENTOR	FAMILY NAME Sethuraman	FIRST GIVEN NAME Natarajan	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Columbia	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP United States of America
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 1340 Long Creek Drive#713	CITY Columbia	STATE & ZIP CODE/COUNTRY South Carolina 29210

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201

X Joseph Roberts

SIGNATURE OF INVENTOR-202

[Handwritten signature]

SIGNATURE OF INVENTOR 203

Katacrayon

DATE 11 Dec 20 1992

DATE 12/31/92

DATE Dec. 30, 1992

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

0100.041200

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

GENETICALLY ENGINEERED GLUTAMINASE AND ITS USE IN ANTIVIRAL AND
ANTICANCER THERAPY

the specification of which (check only one item below):

☐ is attached hereto.☐ was filed as United States application

Serial No. _____

on _____

and was amended

on _____ (if applicable).

☒ was filed as PCT international applicationNumber PCT /US92/10421on 04 December 1992

and was amended under PCT Article 19

on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (or PCT - indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
Germany	P 4140003.8	4 December 1991	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Joseph ROBERTS et al. :
Serial No.: 08/050,482 : Attorney Docket No. 23032/106
Filed: April 25, 1995
For: GENETICALLY ENGINEERED GLUTAMINASE AND ITS
USE IN ANTIVIRAL AND ANTICANCER THERAPY

REVOCATION AND NEW POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

The undersigned assignee in the above application hereby
revokes all previous powers of attorney in connection with this
application. It hereby appoints as its attorneys, with full
power of substitution and revocation, to prosecute this
application and to transact all business in the Patent and
Trademark Office connected therewith: Arthur Schwartz, Reg. No.
22,115; Richard L. Schwaab, Registration No. 25,479; Peter G.
Mack, Reg. No. 26,001; David A. Blumenthal, Reg. No. 26,257;
John J. Feldhaus, Reg. No. 28,822, Stephen A. Bent, Reg. No.
29,768; Bernhard D. Saxe, Reg. No. 28,665, Brian J. McNamara,
Reg. No. 32,789, Colin G. Sandercock, Reg. No. 31,298; and
Thomas W. MacAllister, Reg. No. 42,822.

It is requested that all correspondence be sent to FOLEY &
LARDNER, 3000 K Street, NW, Suite 500, Washington, DC 20007-5109
Address telephone communications to Stephen A. Bent at
(202) 672-5300.

Respectfully submitted,

Date: October 28, 1998

Joseph Roberts

Name: Joseph Roberts
Title: Inventor and Owner

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Assignment Division
Joseph ROBERTS et al. : BOX ASSIGNMENTS
Serial No.: 08/050,482 : Attorney Docket No. 23032/106
Filed: April 25, 1995
For: GENETICALLY ENGINEERED GLUTAMINASE AND ITS
USE IN ANTIVIRAL AND ANTICANCER THERAPY

CERTIFICATE UNDER 37 C.F.R. 3.73(b)

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Joseph Roberts, an inventor, certifies that he is the assignee of 50 percent of the entire right, title and interest in the patent application identified above by virtue of either:

- A. [] An assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. [X] A chain of title from the inventors of the patent application identified above to the current assignees as shown below:

1. From: Thomas W. MacAllister, Natarajan Sethuraman, and Abbie G. Freeman To: Joseph Roberts

The document was recorded in the Patent and Trademark Office at Reel 6516, Frame 292, or for which a copy thereof is attached.

2. From: Joseph Roberts To: ME MEDICAL ENZYMES AG

The document conveyed 50 percent of the right, title, and interest and was recorded in the Patent and Trademark Office at Reel 6516, Frame 295, or for which a copy thereof is attached.

- [] Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of Assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above, and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and, further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: October 28, 1998

Name: Joseph Roberts

Title: Inventor and Owner

Signature: Joseph Roberts